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S/192/62/003/006/004/004
D228/D307

STEP

AUTHOR: Le Bihan, M.T.

TITLE: Some considerations on the structure of arsenic
and lead sulphides

PERIODICAL: (S) Zhurnal strukturnoy khimii, v. 3, no. 6, 1962,
718-720

TEXT: Further ideas are given about the structure of baum-
hauerite - $Pb_5As_9S_{18}$. They are based on the author's data (Bull.
Soc. franc. mineral. et cristallogr., 85, 1, 15 (1962)) and on those
of G.B. Bokiy and Ye.M. Romanova. Points discussed include the
structural arrangement of Pb atoms with coordination numbers of 7
and 9; the distances between S and As atoms, which have a coordina-
tion number of 7; the presence of [010] - directed chains; and the
configuration of S atoms, linked to 1 and 2 atoms of As. There
are 3 figures.

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Some considerations ...

ASSOCIATION: Laboratory of Mineralogy and Crystallography,
Sorbonne, Paris

SUBMITTED: September 25, 1962

Card 2/2